

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/696,255  
Source: IIFWD-  
Date Processed by STIC: 11/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

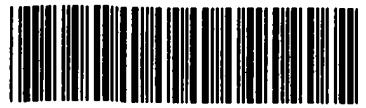
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (**EFFECTIVE 12/01/03**):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



I F W O

**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/10/696,255

DATE: 11/10/2003  
TIME: 10:42:59

Input Set : A:\D6454CIPSEQ.txt  
Output Set: N:\CRF4\11102003\J696255.raw

2 <110> APPLICANT: Kline, Kimberly  
3           Sanders, Bob G.  
4           Yu, Weiping  
6 <120> TITLE OF INVENTION: Mutant p53 Proteins And Uses Thereof  
8 <130> FILE REFERENCE: D6454CIP  
**C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/696,255**  
11 <141> CURRENT FILING DATE: 2003-10-29  
12 <150> PRIOR APPLICATION NUMBER: US 10/444,287  
13 <151> PRIOR FILING DATE: 2003-05-23  
15 <160> NUMBER OF SEQ ID NOS: 9

## ERRORED SEQUENCES

**Does Not Comply  
Corrected Diskette Needed**

173 <210> SEQ ID NO: 7  
174 <211> LENGTH: 393 -392 S/  
175 <212> TYPE: PRT  
176 <213> ORGANISM: Homo sapiens  
178 <220> FEATURE:  
180 <221> NAME/KEY: PEPTIDE  
181 <223> OTHER INFORMATION: wild-type p53  
183 <400> SEQUENCE: 7  
184 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser  
185 5 10 15  
186 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Ile Pro Glu Asn Asn  
187 20 25 30  
188 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu  
189 35 40 45  
190 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro  
191 50 55 60  
192 Asp Glu Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro  
193 65 70 75  
194 Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser  
195 80 85 90  
196 Trp Pro Leu Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly  
197 95 100 105  
198 Ser Tyr Gly Phe Arg Leu Gly Phe Leu Ser Gly Thr Ala Lys  
199 110 115 120  
200 Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe Cys  
201 125 130 135  
202 Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr  
203 140 145 150  
204 Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/696,255**

DATE: 11/10/2003  
 TIME: 10:42:59

Input Set : A:\D6454CIPSEQ.txt  
 Output Set: N:\CRF4\11102003\J696255.raw

<b>E--&gt; 205</b>	<b>155</b>	<b>160</b>	<b>165</b>
206 Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu			
<b>E--&gt; 207</b>	<b>170</b>	<b>175</b>	<b>180</b>
208 Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile			
<b>E--&gt; 209</b>	<b>185</b>	<b>190</b>	<b>195</b>
210 Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn			
<b>E--&gt; 211</b>	<b>200</b>	<b>205</b>	<b>210</b>
212 Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val			
<b>E--&gt; 213</b>	<b>215</b>	<b>220</b>	<b>225</b>
214 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser			
<b>E--&gt; 215</b>	<b>230</b>	<b>235</b>	<b>240</b>
216 Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile			
<b>E--&gt; 217</b>	<b>245</b>	<b>250</b>	<b>255</b>
218 Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe			
<b>E--&gt; 219</b>	<b>260</b>	<b>265</b>	<b>270</b>
220 Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu			
<b>E--&gt; 221</b>	<b>275</b>	<b>280</b>	<b>285</b>
222 Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu Pro			
<b>E--&gt; 223</b>	<b>290</b>	<b>295</b>	<b>300</b>
224 Pro Gly Ser Thr Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser			
<b>E--&gt; 225</b>	<b>305</b>	<b>310</b>	<b>315</b>
226 Pro Gln Pro Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu			
<b>E--&gt; 227</b>	<b>320</b>	<b>325</b>	<b>330</b>
228 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe Arg Glu Leu Asn			
<b>E--&gt; 229</b>	<b>335</b>	<b>340</b>	<b>345</b>
230 Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu Pro Gly			
<b>E--&gt; 231</b>	<b>350</b>	<b>355</b>	<b>360</b>
232 Gly Ser Arg Ala His Ser Ser His Leu Lys Ser Lys Lys Gly Gln			
<b>E--&gt; 233</b>	<b>365</b>	<b>370</b>	<b>375</b>
234 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Gly Pro			
<b>E--&gt; 235</b>	<b>380</b>	<b>385</b>	<b>390</b>
236 Asp Ser Asp			
<b>E--&gt; 237</b>	<b>393</b>		

239 <210> SEQ ID NO: 8  
 240 <211> LENGTH: 359 *358 Shawn*  
 241 <212> TYPE: PRT  
 242 <213> ORGANISM: Homo sapiens  
 244 <220> FEATURE:  
 246 <221> NAME/KEY: PEPTIDE  
 247 <223> OTHER INFORMATION: p53 double mutant (?126-132+?367-393)  
 249 <400> SEQUENCE: 8

250 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser			
251 5 10 15			
252 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn			
253 20 25 30			
254 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu			
255 35 40 45			
256 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro			
257 50 55 60			

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/696,255**

DATE: 11/10/2003  
 TIME: 10:42:59

Input Set : A:\D6454CIPSEQ.txt  
 Output Set: N:\CRF4\11102003\J696255.raw

258	Asp Glu Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro		
259	65	70	75
260	Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser		
261	80	85	90
262	Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly		
263	95	100	105
264	Ser Tyr Gly Phe Arg Leu Gly Phe Leu Ser Gly Thr Ala Lys		
<b>E--&gt; 265</b>	<b>110</b>	<b>115</b>	<b>120</b>
266	Ser Val Thr Cys Thr Met Phe Cys Gln Leu Ala Lys Thr Cys Pro		
<b>E--&gt; 267</b>	<b>125</b>	<b>130</b>	<b>135</b>
268	Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg Val		
<b>E--&gt; 269</b>	<b>140</b>	<b>145</b>	<b>150</b>
270	Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val		
<b>E--&gt; 271</b>	<b>155</b>	<b>160</b>	<b>165</b>
272	Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp Ser Asp Gly		
<b>E--&gt; 273</b>	<b>170</b>	<b>175</b>	<b>180</b>
274	Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg		
<b>E--&gt; 275</b>	<b>185</b>	<b>190</b>	<b>195</b>
276	Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val		
<b>E--&gt; 277</b>	<b>200</b>	<b>205</b>	<b>210</b>
278	Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile		
<b>E--&gt; 279</b>	<b>215</b>	<b>220</b>	<b>225</b>
280	His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn		
<b>E--&gt; 281</b>	<b>230</b>	<b>235</b>	<b>240</b>
282	Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly		
<b>E--&gt; 283</b>	<b>245</b>	<b>250</b>	<b>255</b>
284	Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys Ala Cys		
<b>E--&gt; 285</b>	<b>260</b>	<b>265</b>	<b>270</b>
286	Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys		
<b>E--&gt; 287</b>	<b>275</b>	<b>280</b>	<b>285</b>
288	Gly Glu Pro His His Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala		
<b>E--&gt; 289</b>	<b>290</b>	<b>295</b>	<b>300</b>
290	Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys Pro		
<b>E--&gt; 291</b>	<b>305</b>	<b>310</b>	<b>315</b>
292	Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg		
<b>E--&gt; 293</b>	<b>320</b>	<b>325</b>	<b>330</b>
294	Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp		
<b>E--&gt; 295</b>	<b>335</b>	<b>340</b>	<b>345</b>
296	Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser		
<b>E--&gt; 297</b>	<b>350</b>	<b>355</b>	<b>359</b>

*Amino Acid  
Missing*

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/696,255

DATE: 11/10/2003

TIME: 10:43:00

Input Set : A:\D6454CIPSEQ.txt

Output Set: N:\CRF4\11102003\J696255.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:199 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7  
M:332 Repeated in SeqNo=7  
L:237 M:252 E: No. of Seq. differs, <211> LENGTH:Input:393 Found:392 SEQ:7  
L:265 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8  
M:332 Repeated in SeqNo=8  
L:297 M:252 E: No. of Seq. differs, <211> LENGTH:Input:359 Found:358 SEQ:8